

## Jackson, Susank

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**From:** Tenley Wurglitz <tenley.wurglitz@gmail.com>  
**Sent:** Wednesday, February 12, 2014 3:40 PM  
**To:** Jackson, Susank  
**Subject:** Re: Native Trout Re-introduction in Ten Mile Creek

Hello Susan,

Thank you very much for your emails and voicemail. I apologize for the delay in getting back to you--this past week has been quite hectic.

I really appreciate all the information and will follow up with Keith Van Ness about the temperature data and the Feb 6th expert working group update on the BCG model development.

Thank you again for all your assistance.

Best wishes,  
Tenley

On Thu, Feb 6, 2014 at 5:58 PM, Jackson, Susank <[Jackson.Susank@epa.gov](mailto:Jackson.Susank@epa.gov)> wrote:

Hello Tenley,

I apologize for delay in response. I have been out of town and in back to back meetings since January 17 --- and am very behind in responding to emails.

Per your inquiry, yes, I did report to the council that, based on the preliminary findings and perspectives from the experts working on development of the Northern Piedmont Biological Condition Gradient, there are streams in the Ten Mile Creek shed that are potentially suitable for re-introduction of self-reproducing populations of native trout. I inquired further with Scott Stranko of Maryland DNR about this and he said that one of the key criteria to consider is whether the appropriate temperature regime present (e.g. is the stream temperature regime cold or cool enough). I do not have the temperature data but you could inquire with Keith Van Ness.

Also, I just sent to Keith with a cc to Mary Dolan and Mark Symborski an updated 3-pager summarizing the status and preliminary findings of the expert workgroup working on BCG model development for the Northern Piedmont. The summary may provide some useful information on the BCG project. If so, please inquire with Keith, Mary or Mark for a copy of the February 6 update – their emails are in the cc box.

If you are interested in further information about the biological criteria program and BCG model development, attached is an article from Ecoapplications that reported on the model as developed by a national workshop and URLs for some of our documents.

1) Biological assessment fact sheet on terms and definitions:

[http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/upload/primer\\_factsheet.pdf](http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/upload/primer_factsheet.pdf)

2) Biocriteria technical documents:

[http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/technical\\_index.cfm](http://water.epa.gov/scitech/swguidance/standards/criteria/aqlife/biocriteria/technical_index.cfm)

If you have further questions on the biological criteria program or the BCG model, please feel free to contact me. I promise I will be more prompt in responding to your inquiry.

Susan Jackson

US EPA biological criteria program

**From:** Tenley Wurglitz [<mailto:tenley.wurglitz@gmail.com>]  
**Sent:** Wednesday, January 29, 2014 6:11 PM  
**To:** Jackson, Susank  
**Subject:** Native Trout Re-introduction in Ten Mile Creek

Dear Ms. Jackson,

I really enjoyed meeting you after the Montgomery County Council work session a couple weeks ago and learning a bit about the Biological Condition Gradient model that you and your colleagues are developing.

Thank you for your important testimony at the work session. I can't remember if you mentioned in your statement (my apologies if you did and I missed it), but I wanted to urge you to let the Councilmembers know

that Ten Mile Creek (in its current condition) is suitable for native brook trout reintroduction. I think this is a significant fact that they should be aware of. Councilmember Roger Berliner has publicly expressed his love of fly fishing on at least two recent occasions and I think he would be particularly interested.

Thank you again for your testimony. I couldn't agree more that Ten Mile Creek is a treasure!

Best wishes,

Tenley

Tenley Elizabeth Wurglitz

[tenley.wurglitz@gmail.com](mailto:tenley.wurglitz@gmail.com)

202-362-2308



## Jackson, Susank

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**From:** Jackson, Susank  
**Sent:** Monday, February 03, 2014 12:23 PM  
**To:** Van Ness, Keith; Stranko, Scott  
**Subject:** FW: Native Trout Re-introduction in Ten Mile Creek

Before I respond further, I would like to confirm statement below. Based on our discussions at the expert meeting, the sites were macroinvertebrate data led to a BCG level 1, 2, or 3 assignments and the fish data led to lower scores (due to dams, reservoirs), these sites were potential for native trout reintroduction.

Thank you,

Susan Jackson

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## Jackson, Susank

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**From:** Tenley Wurglitz <tenley.wurglitz@gmail.com>  
**Sent:** Wednesday, February 25, 2015 9:33 PM  
**To:** Jackson, Susank  
**Subject:** Re: Green Infrastructure

Thank you, Ms. Jackson. I really appreciate you checking around for us! One of my fellow board members is going to contact Rodney Frederick.

Thank you again for your assistance.

Protecting a creek truly is a marathon (with occasional, unexpected, sewer-related sprints)! :-)  
Tenley

On Wed, Feb 25, 2015 at 3:45 PM, Jackson, Susank <[Jackson.Susank@epa.gov](mailto:Jackson.Susank@epa.gov)> wrote:

I did not get this recommendation from Matt, from a person within EPA who has worked on green infrastructure projects. I have not heard back from Matt. He may contact you directly if he has some suggestions.

Susan Jackson

**From:** Jackson, Susank  
**Sent:** Wednesday, February 25, 2015 3:43 PM  
**To:** 'tenley.wurglitz@gmail.com'  
**Subject:** RE: Green Infrastructure

Recommendation for an expert who is retired but may be of assistance. His area of expertise is in onsite septic systems but he may have expertise in other sewer systems.

He will likely request some compensation.

Rodney Frederick [rodtheengr@comcast.net](mailto:rodtheengr@comcast.net)

410-757-5215

**From:** Jackson, Susank  
**Sent:** Wednesday, February 25, 2015 11:20 AM  
**To:** [mbaker@umbc.edu](mailto:mbaker@umbc.edu)  
**Cc:** 'Tenley Wurglitz'  
**Subject:** FW: Green Infrastructure

Matt,

Do you have any suggestions?

Tenley Wurglitz called me last week. Her telephone number is 202 362-2308 if you have any recommendations or insight to provide her. Your testimony was vital last year and I thought you might have some recommendations for experts for her. I do not know the time frame this group has to act within – this may be urgent.

Susan Jackson

**From:** Jackson, Susank  
**Sent:** Wednesday, February 25, 2015 11:17 AM  
**To:** Swietlik, William  
**Subject:** Green Infrastructure

I have a inquiry from a citizen's group that is participating on a citizen's advisory council/team with WSSC. The purpose of this group is to evaluate options for sewer development in a high quality watershed in Montgomery County that is slated for limited development, Ten Mile Creek. The citizen's group, Friends of Ten Mile Creek, is seeking environmentally conscious, "green infrastructure" engineering companies or experts for consultation. Ideally, they would benefit from volunteer work, including from retired experts, but may have some limited funding available.

I believe you have worked in the past on the green infrastructure program. Could you point this group in the right direction to identify experts?

Susan Jackson



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**From:** Tenley Wurglitz <tenley.wurglitz@gmail.com>  
**Sent:** Thursday, February 26, 2015 2:56 PM  
**To:** Jackson, Susank  
**Subject:** Re: Green Infrastructure

Wonderful--thank you, Ms. Jackson!

On Thu, Feb 26, 2015 at 7:50 AM, Jackson, Susank <[Jackson.Susank@epa.gov](mailto:Jackson.Susank@epa.gov)> wrote:

Hello Tenley,

An EPA staff who has worked in green infrastructure programs, Robert Goo, thought Rodney Frederick may be an expert to contact.

Matt Baker from UMBC, who provided extensive testimony at the hearing, replied to me that he may have some recommendations also but needed to think about it. I will ask him to contact you directly if he has any suggestions.

Susan Jackson

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I believe you have worked in the past on the green infrastructure program. Could you point this group in the right direction to identify experts?

Susan Jackson





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**From:** Tenley Wurglitz <tenley.wurglitz@gmail.com>  
**Sent:** Thursday, February 26, 2015 3:56 PM  
**To:** Jackson, Susank  
**Cc:** mbaker@umbc.edu  
**Subject:** Re: FW: Green Infrastructure

Hello Dr. Baker,

We would indeed welcome any and all suggestions you may have for environmentally-minded sewer engineers/companies. We are particularly looking for someone familiar with alternative sewer systems such as pressure systems that may be able to provide sewer service to the limited amount of development allowed in the Ten Mile Creek watershed without having to put gravity sewer lines alongside the creek's mainstem, it's tributaries or through the environmental buffer area established by the Montgomery County Council last year (as the current WSSC plan envisions). Here is a report detailing the sewer options purposed by WSSC in mid-

December: <https://www.wsscwater.com/files/live/sites/wssc/files/Ten%20Mile%20Creek%20-%20Clarksburg%20Project/Clarksburg%20-%20Ten%20Mile%20Creek%20Area%20draft%20report%2011%207%202014%20-%201%20of%202.pdf>. All five of the alternatives in this report have sewer lines and pump stations located in

the very areas that the Council voted to put off limits from development last April.

In a meeting last week, WSSC told us that they are open to considering alternatives that could keep sewer lines away from the most sensitive parts of the watershed, but they appear to be placing the burden of coming up with such alternatives on us, hence our urgent search to find an expert who can advise our organization and determine whether alternatives that seems workable to us as non-sewer engineers are indeed feasible in this situation.

Any recommendations you can send us would be sincerely appreciated.

Warm regards,  
Tenley

Tenley Elizabet Wurglitz, President  
Friends of Ten Mile Creek and Little Seneca Reservoir  
[www.tenmilecreek.org](http://www.tenmilecreek.org)  
202-362-2308  
[tenley.wurglitz@gmail.com](mailto:tenley.wurglitz@gmail.com)

On Wed, Feb 25, 2015 at 11:19 AM, Jackson, Susank <[Jackson.Susank@epa.gov](mailto:Jackson.Susank@epa.gov)> wrote:

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Susan Jackson

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**From:** Tenley Wurglitz <tenley.wurglitz@gmail.com>  
**Sent:** Friday, February 27, 2015 10:49 PM  
**To:** Matthew Baker  
**Cc:** Jackson, Susank  
**Subject:** Re: FW: Green Infrastructure

Dear Dr. Baker,

Thank you for your candid note. We were equally dismayed when we first saw WSSC's alternatives, but I assure you we will not sit by and let this happen. We are vigorously researching alternative sewer technologies like pressure systems, lobbying elected officials and trying to rally everyone who participated in the Save Ten Mile Creek Coalition to join us in once again speaking out for protecting the creek. As I mentioned, WSSC has said publicly that they are open to considering alternatives, but they are really putting all the onus on us to do the research and bring in independent experts. And fortunately, our board has really stepped up to the challenge and are quickly becoming versed in potential alternatives (though, of course, we are actively seeking experts who have more than a couple weeks familiarity with these systems).

It is deeply frustrating and discouraging that we have to fight this battle so soon after last April's vote to limit development in the watershed, but we're not going to give up and the good news is that people all over the region have once again responded en masse to our request that they contact Councilmembers and County Executive Leggett to express their shock that WSSC is thinking of putting sewers and pump stations in many of the areas that were just protected in the Ten Mile Creek Limited Master Plan Amendment and to demand that WSSC consider alternative technologies to keep sewers out of the creek, its tributaries and the environmental buffer areas. In fact, the one Council member remarked that they'd been deluged by emails from creek supporters and another asked us if we could stop sending out action alerts. :-)

Thank you again for sharing your thoughts and advice. Your testimony was absolutely crucial in the Council reaching its unanimous decision and we are working hard to make sure that the hard-won gains of last year are not lost.

Warm regards,  
Tenley

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[202-362-2308](tel:202-362-2308)  
[tenley.wurglitz@gmail.com](mailto:tenley.wurglitz@gmail.com)

On Thu, Feb 26, 2015 at 9:50 PM, Matthew Baker <[mbaker@umbc.edu](mailto:mbaker@umbc.edu)> wrote:  
Hi Tenley,

I'm not sure I have a recommendation for you. I think you'll agree with me that all the options suck, but when it comes to sewer facilities and dealing with all of the issues involved, I have to say that WSSC has as much experience as anyone I can think of off the top of my head in the region. I do not spend a lot of time dealing with this, I must say. I know of engineers who focus on storm water, but sanitary sewers are not really their domain and certainly not mine. Most folks in the region who might do this are likely to be retired from WSSC. You may want to look nationally, maybe in Michigan, Vermont, or Oregon?



I guess, looking at the proposed options, I can say that Alternative 5 looks like the best one by far. Alternative 1-3 for me are laughable and cannot be taken seriously.

I think the most important thing to realize is that the scoring system at the end of this report is absolutely and completely useless. It is either an stunningly ignorant use of the information presented, or a cunning and disingenuous way of attempting to sway the public discourse. The analysis is based on the false premise that there is \*parity in the rank order\* across categories. For example, that the difference between the "community impacts" value of 1 and 3 is equivalent to the same for "environmental impacts" is a joke, because the report says that the community impacts for all three are more or less the same, so the ranking is really splitting hairs. On the other hand, the difference between 1 and 3 from an environmental perspective would be catastrophic, but this critical difference is ignored in the summation. Further, the ongoing maintenance issues are already built into the cost estimates, so why reliability is counted as a separate category is not clear. I could go on...

A better question is, if this is a Special Protection Area, not to mention the last high quality reference stream in the county, to say nothing of the region, why isn't it being protected in the wealthiest county in the country? Are you telling me that the County and the WSSC are going to balk at a couple of million dollars when the developer is suing the County for an \$86 million taking already? There is Big Money afoot here, someone will make a profit regardless. We shouldn't need to have this discussion.

How discouraging.

Matt

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